United Nations

Framework Convention on Climate Change

FCCC/ASR/2018/USA

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English only

Status report on the annual inventory of the United States of America

1. This status report was prepared by the secretariat pursuant to the annex to decision 13/CP.20, as part of the initial assessment of the 2018 annual inventory of the United States of America, submitted in accordance with decision 24/CP.19. It reflects the content of the 2018 annual inventory as submitted by the Party (dates of submission are provided in the table on page 2).

2. In this report, the following acronyms abbreviations are used:

CRF: common reporting format
GHG: greenhouse gas
IPPU: industrial processes and product use
LULUCF: land use, land-use change and forestry
NIR: national inventory report
SBDT: sectoral background data tables
SEF: standard electronic format

Notation keys
C: confidential
IE: included elsewhere
NA: not applicable
NE: not estimated
NO: not occurring

Gases
CO_2: carbon dioxide
CH_4: methane
N_2O: nitrous oxide
HFCs: hydrofluorocarbons
PFCs: perfluorocarbons
MIX: unspecified mix of HFCs and PFCs
SF_6: sulfur hexafluoride
NF_3: nitrogen trifluoride
NOx: nitrogen oxides
CO: carbon monoxide
NMVOCs: non-methane volatile organic compounds
SO_2: sulfur dioxide

GE.18-08790(E)

1808790

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GREENHOUSE GAS INVENTORY SUBMISSION													
General information		*Date of receipt*			*Date of resubmission*			*Comments*					
	NIR	12 April 2018											
	CRF tables[a]	12 April 2018											
	Additional information[b]												
	CRF tables provided for years	1990–2016											
	Base year or period	1990											
	Gases covered	CO_2	CH_4	N_2O	HFCs	PFCs	MIX	SF_6	NF_3	NO_X	CO	NMVOCs	SO_2
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NIR	Description	The organization of the NIR generally follows the structure outlined in the "Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines on annual greenhouse gas inventories" (annex to decision 24/CP.19); however, the suggested chapter titled "Indirect CO2 and nitrous oxide emissions" has not been provided.											
	Language	English											

[a] The CRF tables are contained in annex II to decision 24/CP.19.

[b] Additional information can be any information submitted by the Party in conjunction with the NIR or CRF tables.

[c] Parties included in Annex I to the Convention undergoing the process of transition to a market economy may use a base year or period of years other than 1990, in accordance with the provisions of Article 4, paragraph 6, of the Convention and decision 24/CP.19.

PART I

Provision of information for the latest reported inventory year in the CRF tables: 2016

Tables

	Energy		*IPPU*		*Agriculture*		*LULUCF*		*Waste*	
Sectoral report tables	1	✔	2(I)	✔	3	✔	4	✔	5	✔
			2(II)	✔			4(I)	✔		
SBDT	1.A(a)	✔	2(I).A–H	✔	3.A	✔	4.A	✔	5.A	✔
	1.A(b)	✔	2(II).(I–J)	✔	3.B(a)	✔	4.B	✔	5.B	✔
	1.A(c)	✔			3.B(b)	✔	4.C	✔	5.C	✔
	1.A(d)	✔			3.C	✔	4.D	✔	5.D	✔
	1.B.1	✔			3.D	✔	4.E	✔		
	1.B.2	✔			3.E	✔	4.F	✔		
	1.C	✔			3.F	✔	4.G	✔		
	1.D	✔			3.G-I	✔	4(II)	✔		
							4(III)	✔		
							4(IV)	✔		
							4(V)	✔		
							4.Gs	✔		
Summary tables	Summary table 1.A	✔	Summary table 2	✔	Summary table 3	✔				
Other tables	Table 6 (Indirect emissions of N_2O and CO)	✔	Table 7 (Overview of key categories)	✔	Table 8 (Recalculation – recalculated data)					
	Table 9 (Completeness)	✔	Table 10 (Emission trends)	✔						
Comments	Key categories are reported differently in the NIR compared with in CRF table 7, which may lead to inconsistencies (e.g. in the level of aggregation and categories identified).									

Totals	*Provided for gases*	CO_2 ✔	CH_4 ✔	N_2O ✔	HFCs ✔	PFCs ✔	MIX ✔	NF_3 ✔	NF_3 ✔
	Provided for years	1990–2016	1990–2016	1990–2016	1990–2016	1990–2016	1990–2016	1990–2016	1990–2016

CO_2	*Comparison of CO_2 emissions from fuel combustion*	*Reference approach*	*Sectoral approach*	*Difference more than 2%*	*If difference is more than 2% explanation provided in CRF table 1.A(c)*
		✔	✔		

HFCs and PFCs	*Disaggregation by species*	HFCs	PFCs	
		✔	✔	

Notation keys	*Used in*	Summary table 1.A	✔	Sectoral report tables	✔	SBDT	✔
	Comments						

PART II Provision of CRF tables for years reported																		
				Years														
				Base year[a]	*1990*	*1995*	*2000*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*	*2015*	*2016*	*Comments*
Energy	Sectoral report: Table 1			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	SBDT	Table 1.A(a)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.A(b)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.A(c)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.A(d)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.B.1		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.B.2		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 1.C		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2016. For these years the notation keys IE, NA and NO are used.
		Table 1.D		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
IPPU	Sectoral report	Table 2(I)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 2(II)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	SBDT	Table 2(I).A–H		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 2(II).B–H		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

PART II

Provision of CRF tables for years reported (continued)

			Years															Comments
			Base year[a]	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	
Agriculture	Sectoral report Table 3		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	SEF	Table 3.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 3.B(a)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 3.B(b)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 3.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 3.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 3.E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2016. For these years the notation key IE is used
		Table 3.F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 3.G–I	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

PART II

Provision of CRF tables for years reported (continued)

			Years															Comments
			Base year[a]	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
	Sectoral report Table 4		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
FCCC/SBSTA		Table 4.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2016. For these years the notation keys NA and NE are used.
		Table 4.G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4(I)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4(II)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4(III)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2016. For these years the notation keys NA and NE are used.
		Table 4(IV)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4(V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

PART II

Provision of CRF tables for years reported (continued)

		Years															Comments
		Base year[a]	1990	1991	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
Basic SEF	Sectoral report Table 5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 5.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 5.B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 5.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2016. For these years the notation keys IE and NA are used.
	Table 5.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

PART II

Provision of CRF tables for years reported (continued)

		Years																Comments
		Base year[a]	1990	1991	2000	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
Summary and other tables	Summary table 1.A (Report for national GHG inventories)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Summary table 2 (CO_2 equivalent emissions)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Summary table 3 (Methods and emission factors used)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 6 (Indirect emissions of N_2O and CO)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 7 (Overview for key categories)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

PART II Provision of CRF tables for years reported (continued)																	
	Years																
	Base year[a]	*1990*	*1995*	*2000*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*	*2015*	*2016*	*Comments*
Table 8 (Recalculation – recalculated data)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Table 9 (Completeness)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Table 10 (Emission trends)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

[a] Parties included in Annex I to the Convention undergoing the process of transition to a market economy may use a base year or period of years other than 1990 in accordance with the provisions of Article 4, paragraph 6, of the Convention and decision 24/CP.19.

PART III Provision of information relating to recalculations					
Table 8 (Recalculation – recalculated data)	✓	Comments	Explanatory information relating to recalculations is provided in chapter 9 of the NIR		
Recalculation reported for years	1990–2015				
Recalculated sectors gases	Energy	IPPU	Agriculture	LULUCF	Waste
CO_2	✓	✓	✓	✓	
CH_4	✓		✓	✓	✓
N_2O	✓	✓	✓	✓	✓
HFCs		✓			
PFCs		✓			
Unspecified mix of HFCs and PFCs		✓			
SF_6		✓			
NF_3		✓			
Percentage difference in aggregate GHG emissions	Base-year estimate[1]	Including LULUCF	+0.13%	Excluding LULUCF	+0.12%
	Latest recalculated year[2]	Including LULUCF	1.95%	Excluding LULUCF	0.78%

[1] Parties included in Annex I to the Convention undergoing the process of transition to a market economy may use base year or period of years other than 1990, in accordance with the provisions of Article 4, paragraph 6, of the Convention and decision 24/CP.19.

[2] The latest recalculated year is the submission year minus three years.